DOWN TO THE WIRE.

Out of this world accessories for your 2-way radios

S • TEMPLE TRANSDUCER HEADSETS • SURVEILLANCE KITS
KER MICROPHONES • HME TACTICAL WIRELESS HEADSETS
EADSETS • AUDIO ACCESSORIES • SCBA COMMUNICATIONS
S • DUPLEX HANDS FREE WIRELESS HEADSETS • SKULL MIC
ADIO BLUE TOOTH ADAPTERS • LIGHTWEIGHT HEADSETS
ANCELING MICS • HARD HAT COMPATIBLE HEADSETS • BLUE
NE CONDUCTION HEADSETS • QUICK DISCONNECT • WIRELESS
MOUNT HEADSETS • FOOTBALL COACHING HEADSET SYSTEMS

Cobalt AV consistently brings you the newest, most innovative communication products available, always with value and versatility in mind. Established in 2003, as the house brand of ComtronICS Inc., Cobalt AV offers the most complete selection of 2-way radio audio accessories and peripherals from any single source. Advantageously located in Lexington, KY, Comtronics offers quick 2-day turnaround UPS delivery of Cobalt products to much of the eastern and central United States. We ship to Canada every day. *Learn more on page 41...*

product index

PAGES	
4-5	DX300/DX300ES wireless headset intercom
6-7	Football Coaching Wireless Headset System
8	DX100 and DX200 wireless headset intercoms
9	DX-series intercom accessories
10	Introduction to Cobalt muff headsets
11	theCobra Mic, noise canceling microphone technology for extreme noise
12-13	Cobalt muff headsets
14	Pit crew muff headset
15	Bluetooth convertible wireless/wired muff headsets
16-17	Cobalt BLUE BT adapters for portable radios
18	BLUE Mic, BT lapel mic with remote ear jack speaker
19	BLUE Mobile, BT adapter for mobile radios
20	BLUE PTT, wireless PTT Switch to keyradios when using BLUE radio adapters
21	Lightweight headsets
22-23	TTN bone conduction headset and HSM skull mic headset for hard hats/helmets
24-25	Throat Mic Kit and Tactical Switch Headsets
26-29	Surveillance audio kits for portable radios
29	QD Quick Disconnect adapter radio audio accessory option
30-33	Speaker microphones for portable radios
34-35	Listen only ear kits for portable radios
35	Portable radio audio accessory adapters
36-37	WRS-QD wireless ring PTT switch for portable radio audio accessories
38-41	Headset vehicle intercom systems
41	Helmet kits
42	Racing audio accessories
43	ComtronICS story
44-49	AMPS-GPS speaker mic, mobile GPS mic box and system
50-51	Boston Amplifier BDA for enhancing cellular
52-55	Portable and mobile radio connector chart

Wireless headset intercoms, pg. 4

BLUE MIC wireless BT lapel mic with ear jack, Page 18

2012 NEW PRODUCT HIGHLIGHTS

Surveillance kits, Page 26

Bone conduction, page 22

New speaker mic, Page 30

Muff headsets, pg. 10

BT adapters, Page 16

COBALT AUDIO | VIDEO

WIRELESS INTERCOM: *Wireless Tactical Inte*

Critical job communication just got more portable and affordable with HME's DX-series spread spectrum digital wireless headset intercoms!

Now get crystal-clear digital voice "conversation"--all built into a super compact design for easy setup and operation.

Since this duplex "hot mic" technology allows simultaneous talking and listening among users, the term "conversation" is used instead of transmission to distinguish this from two-way radios.

DX300

The **DX300** package was developed for football coaching. It is flexible, expandable and economical. In two-channel mode, the user selects which channel he or she talks on. There are two headset ports on the compact table top base station which has an "AA" battery backup compartment. The DX300 system allows 3 simultaneous wireless talkers per base in dual channel mode (or 4 talkers in single channel mode) with up to 15 users (listeners). By simply adding a **EB300** base expander module or daisy-chaining two or three **MB300** base stations with a simple modular connector cable, you can double or triple the number of talkers or users or increase areas of coverage. Interfaces with external 4-wired systems are possible.

BP300 belt pacs with choice of headset or **WH300** wireless "all-in-one" headsets may be used. Each **BP300** and **WH300** come with 1 **BAT41** battery pack.

DX300ES

The **DX300ES** is our tactical wireless headset intercom since it adds contact closure relays allowing connection of a portable or mobile two-way radio. This is the only difference from the standard **DX300**. The function allows a team locally to converse privately and monitor two-way radio dispatch traffic plus the ability to use the "all" button on the belt pac or all-in-one headset to "push-to-transmit" message over the 2-way radio network. If multiple base stations are connected, users on one base or multiple bases can use the PTT function.

EB300

The **EB300** base station expansion module easily expands a **DX300** or **DX300ES** system by allowing an additional three **BP300** or **WH300** talkers at the same time in dual channel mode (or 4 additional talkers in single channel mode). This set-up allows eight coaches to plug in and talk at once, with a substantial discount over purchasing a second **MB300** or **MB300ES** base station.

- Fast, easy set-up
- Superior sound quality
- Hands-free operation
- No frequency coordination
- 2.4 GHz license free band
- Secure encrypted conversation
- Triple diversity--space, time and frequency
- Rugged ergonomic design
- Small, lightweight energy efficient portable units
- Up to 20 hour Li-Ion battery use life per charge
- Wide variety of headset choices including "all-in-one" headset
- Expandable and interface-capable base models

COBALT AUDIO | VIDEO

1.800.264.6021

Call for Pricing

cobaltav.com

Perfect for many critical applications:

- Football coaches
- SWAT/SRT/bomb/hostage negotiation
- Nuclear outage coordination
- Film and video crews
- Industrial production/maintenance
- Wireless for command vehicles
- Flight line
- Emergency preparedness centers
- Pump/straying operations
- Corrugated machinery line
- Protective clothing communication
- Training & Plant tours
- Crane rigging
- Houses of worship

DX300 *system including* ***MB300*** *base station and some headset options. A 2-way radio can be connected when using a* ***MB300ES*** *base station.*

DX 300 FOOTBALL HEADSET SYSTEM

The **DX300 Wireless Football Headset System** links you and your coaches throughout the game in secure, two-way, hands-free conversation. With football coaching headsets from HME, you can improve sideline communications, press box communication, and ensure that all your hard work preparing for the big game pays off.

Superior Sound Quality

DX300's digital technology offers superior sound clarity, so you can be sure your instructions are clearly heard above the crowd noise and general sideline confusion. Rugged ergonomic design means your football coach headsets will stand up to the rigors of even the toughest game day.

All-in-One
Headset

Easy to Use Football Headset System

With no buttons to fumble with, the **DX300** football coach headset system is easy to use and hassle-free. Compact, convenient coaching headsets give you the freedom to do what you do best - coach - and not worry about whether equipment is functioning properly.

The **DX300** is easily expanded from a basic 5-coach system to accommodate a staff of more than 20 — all in one cost-saving, performance-enhancing package. Choose between lightweight beltpack and wireless football coach headset models, or mix-and-match both.

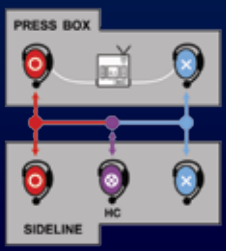
BP-300
Belt Pak

CH-16 Cobalt blue
Signature Series Headset

HS-15

Basic 5 Coach System

1 Base Station
3 Belt Pacs
5 Headsets



Superior Sound Quality

The **DX 300** takes only minutes to set up on game day. There are no special startup procedures or complex antennas to worry about. And because there is no frequency coordination required with your football coaches headsets, you can travel from game to game without losing communication due to local interference.

SYSTEM HIGHLIGHTS:

- **Hands-free operation, conversational like a phone call**
- **Secure, encrypted communication (scanner proof)**
- **Flexible power options (AC and battery)**
- **Rugged ergonomic beltpac**
- **All-in-One wireless single ear headset**
- **No frequency coordination required**
- **Rechargeable lithium-ion batteries**
- **Up to 20 hours battery life on a single charge**
- **Can be configured for discreet offense and defense channels**

The compact DX100 wireless headset system supports up to 4 simultaneous headset talkers and up to 15 listening users, like all our base station systems.

With simplicity and economy in mind the DX base has no connections for expansion or interface. System is perfect for applications where there is no expansion in the number of "talkers" or interfacing with other systems is anticipated. The **DX100** wireless headset intercom system features a compact economical base station which is sealed for dust and moisture. Powered by 120 V AC or 12 VDC but also has 6 "AA" batteries fpr backup power. Supports up to 15 users and 4 "talkers" using any combination of **BP200** belt pacs with headset choice, **WH200** wireless "all-in-one" headsets or the **WS200** wireless speaker station. 2 **BAT4**1 li-ion battery packs are included with each headset unit.

The DX200 19-inch rack mount base system offers the most expansion and interface options.

Capable of interface with four wire matrix intercoms, 2 wire intercoms, telephone interfaces or connection of multiple base stations, the **DX200** is a flexible system for many applications.

Each **DX200** base station supports up to 15 users, using any combination of **BP200** belt pacs and choice of headset, as well as **WH200** wireless headsets or **WS200** wireless speaker stations. Wired intercom ports support **Telex RTS**, **ClearCom** and **Production Intercom** two-wire intercoms. Interface system to telephone with additional components. Increase number of talkers or expand coverage area by linking multiple base stations together.

System Specifications

RF frequency range:	All band 2400-2383.5 MHz, low band 2401.9-2439.9 MHz, high band 2443.4-2443.4-2481.4 MHz
Frequency response:	200 Hz-3.5 kHz
Distortion:	<2%
RF sensitivity:	-90 dBm with 10-3 BER
Temperature range:	-4 to 131°F (-20 to 55° C) Typ.
Transmit/Receive type:	Frequency-hopping spread spectrum (FHSS)
Modulation type:	Gaussian filtered FSK, TDMA
Encryption:	64-bit
RoHS compliant	

Subscriber Specifications

Transmit power:	100 mW burst
Antenna:	Internal
Mic input:	Electret (except WH200/300)
Headset connector:	Mini-DIN (except WH200/300)
Headset output:	160 mW into 32 ohms
Power requirements:	BAT41 battery, except WS200 speaker station 100-240 VAC, 50-60 Mz or 12-14 VDC or 6 AA batteries
Battery life:	Hands-free Up to 14 hrs, PTT up to 20 hrs. with BAT41 (not used on WS200)
FCC acceptance:	Part 15 (no license required)

Base Station Specifications

Transmit power:	100 mW burst
TX & RX antenna:	1/2-wave, dual-diversity dipole
Mic input:	Electret (DX200, DX300ES)
Headset connector	Mini-DIN (DX200, DX300/ES)
Power requirements:	100-240 VAC, 50-60 Mz or 12-14 VDC on all models, plus 6 AA (DX100 and DX300/ES), BAT41 (DX121)
FCC acceptance:	Part 15 (no license required

CH-21

CH-13

CH-11

KLSA

T-20

CH-16

Most Cobalt headsets can be provided for use with DX-series belt packs. Note: Headset PTT switch is non-functional when used with Belt Pack.

TM

BP200 *Wireless belt pak (pouch not shown)*
BP300 *(not shown) looks same except for controls*

HS200 *Wireless All-in-One Headset*
HS300 *(not shown) Looks same except for controls*

HS15

HS15D

HS16

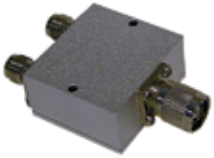
MD-XLR
Pigtail adapter for Dynamic mic intercom headsets with XLR4 male or female connector (specify).

Headset Extension Cable
(7 foot)

ANT-874
Optional Trident multi-polarized antenna for non-line of sight

SP10
Base Station Monitor Speaker DX200

Custom Length Extension Cable
To remote antennas, build-to-order lengths



Antenna Splitter

AC40A
4-slot battery rapid charger

BAT41
Rechargeable Lithium-ion battery pack

Beltpak Pouch
Included with each BP200 and BP300 Beltpak

Travel Case
For DX300/ES

Custom Length Interconnect Cable
For DX300/ES
7 foot included with each base

HEADSETS

Cobalt muff headsets offer premium quality and features that rate them world class, with value in mind.

Our signature Cobalt blue "ecto-skin" coating provides a no glare finish with UV protection, acoustic baffling with a rubber-coat surface that rejects scratches and scuffs. Premium features include full flex boom, dome PTT (or mic mute) switch, dome volume control and high efficiency speakers. Each headset comes standard with comfort-fit foam ear seals, washable cloth ear covers and a mic windscreen. Various types of noise canceling mic are available as options, including **theCobra** technology mic.

Headset cords for portable radios or Cobalt fire truck intercoms attach and detach at ear cup for easy change-out. Headset and cord versions can be used with two-way portable and mobile radios, intercoms (wired & wireless) for telephony.

We also offer Convertible Bluetooth Wireless muff styles. These headsets require a Cobalt BLUE bluetooth two-way radio adapter (sold separately). Convertible means that when the Bluetooth function is turned off and connector cable is connected, the headset can also be used in hard wired mode. These headsets are available in behind-head and over-head support versions as well as single ear and hard hat slot mount versions.

Our **CH-23** Budget Muff "Pit Crew" headset is available in black only.

theCOBRA *Noise Canceling Microphone*

Rated among the best noise canceling microphones, **theCobra** cartridge can be added to any Cobalt "blue" headset. For the ultimate headset, add theCobra to our ANR active noise cancellation optioned headsets.

Dramatic Noise Reduction

TheCobra has an average 10 dB improvement over standard headset mics with a maximum of 30 db improvement in average speech bandwidth.

The Best Speech Intelligibility

theCobra microphone enables crystal clear speech in 100+ dB noise. Improves intelligibility scores to 82% in noise levels of 105 dB compared to 72% intelligibility for standard microphone. Ideal for high noise environments, theCobra's noise rejection performance surpasses all other microphone technologies, and is particularly stark in high noise levels.

Noise Rejection takes a new shape

Patented noise cancellation technology rejects extraneous background noise. An acoustically based approach; theCobra accentuates the speaker's voice by concentrating it on the front port of a two-port microphone, while deflecting background noise from the back port.

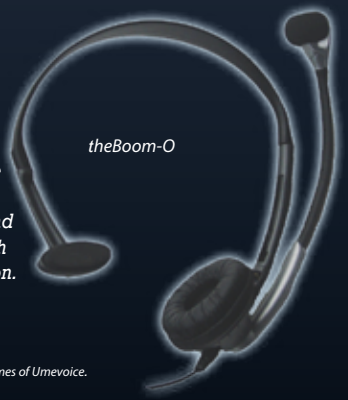
Passive Noise Canceling Technology

No processor is required, so power requirements are low.
Active noise canceling technology relies on creating an anti-noise signal to cancel out the noise in a signal. Since there is inherent overlap in frequencies between speech and noise, this results in speech signals often being identified as noise and vice versa. An observable consequence of this is distorted or garbled speech, and unsatisfactory noise cancellation. It also requires a power supply (typically, additional battery). Other electronic noise-canceling techniques use algorithms to identify a noise from a digital signal and to filter it out using digital filters. These techniques are also frequency dependent, which results in the same problems mentioned above.
Available in preamped or non-preamped electret, or dynamic versions.

Microphone Specifications:

Sensitivity -35 dBVrms
Impedance 2,200 Ohms
Frequency 50-20,000 Hz
S/N ratio >70 dB
Mono sound

Using our acoustically based approach, theCobra accentuates the user's voice by concentrating it in the front of the microphone while deflecting the voice from the back port. The background noise is directed towards both ports to reduce noise vibration.



theBoom-O

COBALT AUDIO | VIDEO

1.800.264.6021
Call for Pricing
cobaltav.com

theCobra and theBoom are tradenames of Umevoice.

HEADSETS: *Our signature blue muff series*

HD 2 YEAR WARRANTY

BEHIND the HEAD

Wear with helmet, hardhat, logo cap.
24 dB NRR rated.

CH-20 Mic mute switch
CH-21 PTT switch
CH-31 Listen only (fixed audio cable)

OVER the HEAD

Very comfortable headband.
24 dB NRR rated.

CH-10 Mic mute switch
CH-11 PTT switch
CH-30 LIsten only (fixed audio cable)

HARD HAT

Attaches to side slots. Ear cups can be rotated to side when not in use.
Dual muff with 24 dB NRR.

CH-12 Mic mute switch
CH-13 PTT switch
CH-32 Listen only (fixed audio cable)

SINGLE EAR

Secure fit with comfort.

CH-15 Mic mute switch
CH-16 PTT switch

Headsets normally come with non-amplified electret microphones when used with portable radio, wireless intercom or telephony devices. Pre-amped electret mics are provisioned when used with mobile radios and vehicle intercoms.

HD 2 YEAR WARRANTY

VENTED

1 ear cup is vented with no speaker to allow listening to ambient noise.

CH-40 Mic mute switch
CH-41 PTT switch

LISTEN ONLY

Has coiled 3.5 mm mono audio cable.
Dual muff with 24 dB NRR rated

CH-30 Dual overhead
CH-31 Dual behind head
CH-32 Dual hardhat slot

THROAT MICROPHONE

Dual muff detachable throat mic headset. Choose from 2 throat mic styles:
TM injection molded dual mic elements covering 2/3rd of neck area with detachable cloth retainer strap, or
TMC adjustable cloth strap single mic element secured around neck.
Available in overhead dual, behind head dual and hard hat slot mount dual.

ACTIVE NOISE CANCELLATION

Electronic active noise cancellation circuitry, when added to Cobalt dual muff headsets, increases muff attenuation up to 17 dB, depending on noise frequency, generating out-of-phase or anti-noise to the ear. This Headsets Inc. kit is widely used by pilots and comes with a headband attached 9-volt battery/power switch pouch. When is kit installed, headset does not have NRR rating but allows you to better focus on listening to radio traffic. Available in overhead dual, behind head dual and hard hat slot mount dual.

COBALT AUDIO | VIDEO

1.800.264.6021
Call for Pricing
cobaltav.com

BUDGET PIT CREW HEADSET

The Cobalt **CH-23** budget "pit crew" headset is a dual ear muff headset with features familiar to race track headset users including behind-head support that can be worn with your team's logo cap.

1 YEAR WARRANTY

$199.
plus radio cord

This headset will also find perfect application with racing intercoms, avionics, and many industrial uses. The rubber-cover, behind-the-head band and adjustable Velcro head strap are comfortable and keep the headset in place. Receive audio is heard over loud dual-muff earphones and the noise-canceling dynamic boom microphone ensures clear audio on transmit. The **CH-23** headset is lightweight, comfortable and easily adjusts to fit anyone.

Features:

- Dual muff style headset with adjustable behind-the-head stainless steel band and over-the-head adjustable Velcro strap.
- Lightweight, comfortable, and easy to adjust.
- Aviation-style wire boom microphone with adjustable arm.
- Active noise-canceling dynamic microphone element reduces transmitted background noise.
- Tactile PTT button mounted on the upper left earphone.
- Loud muff earphones the user to hear incoming signals easily.
- 3.5mm Audio input jack allows a second audio device (such as a scanner or MP3 player) to be heard over the earphones.
- Removable and replaceable radio interface cable (sold separately). See radio connector chart.
- Available in a scuff-resistant matte black finish.

OUR BLUE MUFF HEADSETS:

NOW available as BT Wired/Wireless Convertible Headsets

NEW LOWER PRICE FOR 2012!

1 YEAR WARRANTY

Bluetooth™

CH-50
Behind the Head

CH-51
Over the Head

CH-52
Hard Hat

CH-53
Single Ear

Totally redesigned, with a new lower price--our **Cobalt Signature** blue muff headsets are now available with Bluetooth wireless technology! No cables to get in your way while connected to your 2-way radio when using a Cobalt **BLUE BT** radio adapter. We now support twice as many radios with BLUE BT adapters than last year. You can even link our BT muff headset with your cell phone or other BT enabled VOIP smart device.

Our new **BT** wireless muff headsets are also convertible. You can also connect a cord to the headset jack and wire it to a radio. This comes in handy if you forget to charge the BT battery!

Features:

The same designs as our popular signature wired muff models are now available in wireless Bluetooth
Connects to any Bluetooth-capable cellular phone or to a BLUE Adapter for 2-way radio use.
Push-to-talk button on muff allows you to activate radio PTT wirelessly.
Noise canceling mic for clear audio in noisy environments.
On/Off volume control knob.
Internal lithium ion battery gives 12 hours of operation between charges. (Charger included).
Wired jack allows for headset to be connected to a 2-way radio without using Bluetooth.

BT components offer 3 ways to key radio:

- On **BT** headset
- On **BLUE** Adapter
- With optional **BLUE-PTT** wireless switch

BLUE-PTT
Wireless Switch

cobaltav.com

COBALT AUDIO | VIDEO

1.800.264.6021
Call for Pricing

WIRELESS ADAPTERS: *for Portable 2-way Radios*

BLUE-MHT
$140.00

BLUE-IMC
$130.00

BLUE-KMC*
$130.00

BLUE-MBO
$140.00

*Kenwood radios may require reprogramming in order to provide power to the BLUE-KMC. Some older Kenwood radios may be incompatible. Contact COBALT for compatibility.

HD
1 YEAR
WARRANTY

BLUE-PTT
$100.00

BLUE-MXT
$140.00

BLUE-VNM
$130.00

The **Cobalt Blue**™ Wireless Bluetooth Adapter allows compatible wireless headsets to connect with your portable 2-way radio. The adapter pairs easily with Cobalt and other Bluetooth headsets *(we recommend Plantronics Voyager Pro headsets)* and remembers paired connections even when turned off. If headset supports multiple pairings, it can be used with both cell phone and 2-way radio. The accessory jack also allows you to connect any Cobalt QD disconnect wired accessory (except KMC model), such as remote wired Push-to-Talk or lapel microphone. BLUE adapters also pair with optional **BLUE-PTT-BT** wireless PTT switch.

Bluetooth™

- Allows you to use a wireless Bluetooth headset with your two-way radio in place of a speaker microphone or wired audio accessory.
- Compatible with thousands of readily available Bluetooth headsets and other audio accessories. *(Bluetooth headset not included.)*
- Easy pairing process. Remembers paired connection to the wireless headset even if powered off or removed from the 2-way radio.
- Several Push-To-Talk options: use the PTT button on the BLUE adapter to initiate transmissions, or use the optional **BLUE-PTT** wireless Push-to-Talk, or use an optional QuickDisconnect wired audio accessory. *(Sold separately.)*
- Most (multi pin connector) models are powered by the radio and do not require any batteries or charging. Simple pin models have an internal Li-Ion battery pack and must be recharged between uses.
- Some multipin BLUE adapters also support wired Quick Disconnect audio accessories.
- Patented "Smart Switch" feature automatically routes RX and TX audio to the appropriate wireless or wired audio accessory depending on what accessories are connected to the BLUE Adapter. When no audio accessories are connected, audio is routed to the radio's internal speaker and microphone. Smart Switch feature not available on the **BLUE-MBO** model.)
- Status LED indicates connection to a compatible wireless accessory.

** Portable radio connectors not shown are supported by purchasing the quick disconnect audio adapter for that radio with the BLUE-HER quick disconnect BT adapter.

Radio shown with BLUE-MXT Adapter

BLUE-HYT
$150.00

BLUE-MSC
$150.00

BLUE-KSC
$150.00

BLUE-VSS2S
150.00

BLUE-HER**
$160.00

BLUE-ISC
$150.00

BLUE-VTC
$150.00

BLUE-VSC
$150.00

BLUE-MEX
$150.00

COBALT BLUE™

BLUE-MIC: *Bluetooth Lapel Microphone*

Bluetooth Lapel Microphone technology has arrived!

The new **BLUE-MIC** delivers a full 12 hour shift talk time (typical), easy pairing, no connectivity loss, and a fully functional PTT.

NEW FOR 2012!

NOW: 12-Hour Talk Time!

1 YEAR WARRANTY

$130.

Other features include:

- Volume control
- USB charging port
- Directional mic *(sensitive to a whisper)*
- Clothing Clip
- 3.5 mm ear kit pack *(listen only ear kits sold separately)*
- Rechargeable/replaceable battery

And most importantly:

A strategically placed pairing light on the back side of the module!

The **BLUE-MIC** can be paired with our **BLUE** 2-way radio adapters and other BT devices, including mobile phones.

cobaltav.com

COBALT AUDIO | VIDEO

1.800.264.6021

BLUE-MOBILE-HANDSFREE KIT

Bluetooth Adapter for Mobile 2-way Radios

The Cobalt **BLUE-MOBILE** Adapter allows you to use a compatible wireless Bluetooth headset or other audio accessory with a MOBILE 2-way radio. The adapter plugs into and gets power from any automobile cigarette-lighter style outlet. The **BLUE-MOBILE** works with thousands of off-the-shelf consumer Bluetooth headsets *(not included)*.

*Activate your radio's transmit function using the included **BT-PTT** wireless Push-to-Talk or using the multifunction button on the front of the adapter. Radio connector plugs into your mobie radio's front panel microphone jack. Includes **BT-PTT** Wireless Push-to-Talk Multifunction Pairing / PTT Switch*

Features:

- Allows you to use a Bluetooth headset to transmit over your mobile 2-way radio (receive audio is heard over the mobile radio's speaker.) If audio is needed at headset instead of radio speaker, an optional modification is available.
- Compatible with many Bluetooth headset brands and models.
- Easy pairing process. Stores paired connection to the wireless headset even if the radio is powered off or adapter is removed from 2-way radio.
- No time delay on Transmit Audio messages
- Powered by the automobile using a car power plug.
- Compatible with a wide variety of mobile radio models.

BLUE-PTT *Wireless Bluetooth PTT*

The Cobalt **BLUE BT-PTT** allows activation of 2-way radio's Push-To-Talk function wirelessly. **BT-PTT** can be held in hand, worn on lanyard or velcro'd just about anywhere! For instance, attaches to duty gear and vehicle steering wheel.

Compatible with all Cobalt adapters (mobile & portable) as well as Cobalt BT headsets, and many other brands and models. Compatible with all BLUE adapters (including models for both portable and mobile radios.

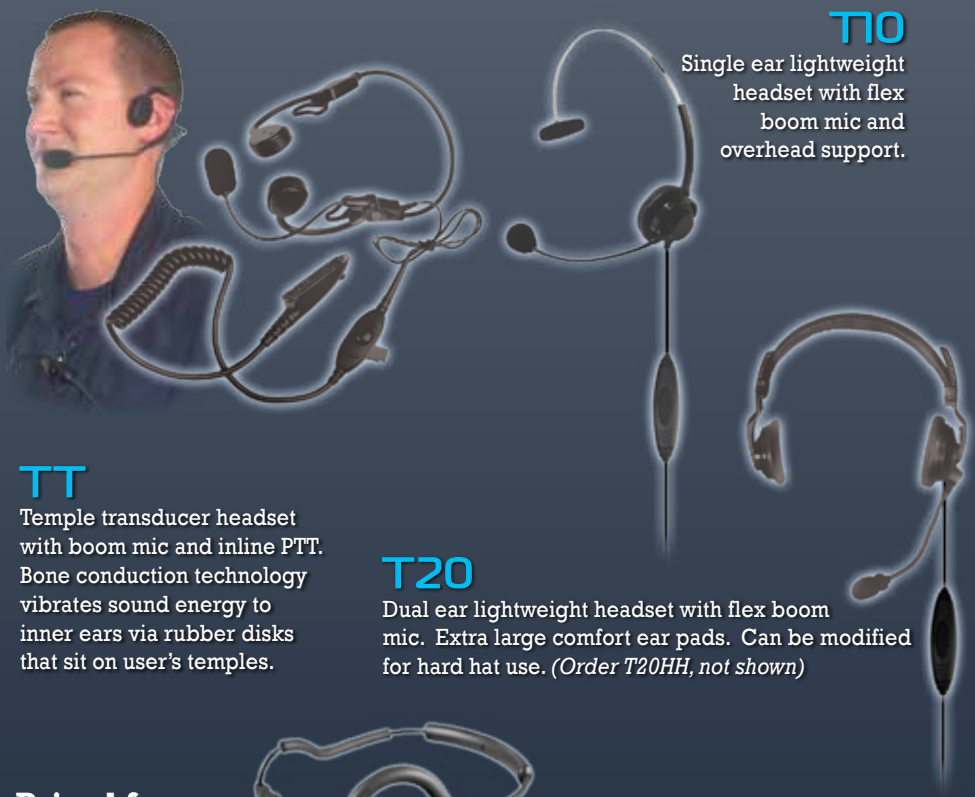
Price Reduction!
NOW
$100.

Features:

- Allows you to activate the 2-way radio's Push-to-Talk function wirelessly.
- Pairs quickly and easily with any BLUE Adapter Remembers the paired connection even if the PTT, wireless headset or 2-way radio is powered off.
- Automatically re-stores the wireless connection the next time the PTT and BLUE Adapter are turned on Multi-function LED keeps the user updated on the BLUE-PTT's status.
- Internal Li-Ion battery pack powers the BLUE-PTT up to 12 hours per charge *(Charger included)*
- Can be held in the hand, worn on a lanyard, or secured almost anywhere using built in velcro fastener
- Requires a BLUE Wireless Bluetooth Adapter *(sold separately)* and Bluetooth headset *(not included)*

Bluetooth™

LIGHTWEIGHT HEADSETS



T10

Single ear lightweight headset with flex boom mic and overhead support.

TT

Temple transducer headset with boom mic and inline PTT. Bone conduction technology vibrates sound energy to inner ears via rubber disks that sit on user's temples.

T20

Dual ear lightweight headset with flex boom mic. Extra large comfort ear pads. Can be modified for hard hat use. *(Order T20HH, not shown)*

Priced from:

$43.

KLSA Headset

KLSA

Rugged lightweight behind head support hard hat and helmet compatible headset with noise canceling flexible boom microphone and single side ear speaker. Adjustable, padded support provides comfort. With the speaker suspended over ear, there are no ear hygiene issues. Inline PTT has swivel clip and jack for remote finger switch *(not included)*.

1 YEAR WARRANTY

MIL STD 810

QD UPGRADE AVAILABLE

ADD $30. FOR QUICK DISCONNECT VERSION

Shown: **TTN** High Noise Bone Conduction Headset

HD 2 YEAR WARRANTY

Priced from:

$140.

FEATURES:

- Dual bone conduction temple microphones reduce background noise by picking up transmit audio directly from vibrations below the skin.
- Adjustable wrap-around style headset secures behind head.
- Ambient receive dual ear speakers leave ears uncovered so you can hear both incoming radio transmissions as well as sounds around you.
- Comes with standard round tactical switch for easy activation and radio connector cord. Other switch options are available (sold separately) and can be interchanged with standard switch.

HSM: *High Noise In-Helmet Skull Microphone*

QD UPGRADE AVAILABLE

ADD $30. FOR QUICK DISCONNECT VERSION

The Cobalt **HSM** lightweight in-helmet communications system mounts without tools to the helmet (or hard hat) liner using a unique strap fastener system. The ear speaker provides ambient sound and allows you to hear incoming radio communications without blocking ability to hear what is going on around you. Voice transmissions are picked up by noise-resistant microphone which sense sound vibrations through the skull.

- Easily and quickly installs into most hardhats or helmets with plastic liners.
- Heavy-duty, featuring polyurethane cable, rubber, and high-impact polycarbonate.
- Picks up the voice audio directly from vibrations in the user's skull, very resistant to picking up background noise.
- Large, ambient receive ear speaker leaves ears uncovered to hear what is going on around you
- Comes with standard round tactical switch for easy activation and radio connector cord. Other switch options are available (sold separately) and can be interchanged with standard switch.

TTN: *High Noise Bone Conduction Headset*

The **Cobalt TTN** wrap-around headset features dual microphone elements that rest against temples. These microphones pick up transmit audio directly from vibrations below user's skin, using advanced bone conduction technology. Since the dual ambient ear speakers do not block the user's ears, the TTN allows the user to hear both incoming radio calls and what is going on around them.

USES:

- Use with hearing protection ear plugs as a lighter and less heat stress alternative to using muff headsets.
- Use with SCBAs and other face masks without mask modification.
- Wear under hard hat or helmet.
- Tactical teams can wear with kevlar helmets.
- Wear under motorcycle helmets.
- Wear under tight fitting plastic or other encapsulating hoods.

QD UPGRADE AVAILABLE

ADD $30. FOR QUICK DISCONNECT VERSION

Shown: **HSM** High Noise In-helmet Skull Microphone

HD 2 YEAR WARRANTY

USES:

- Interior firefighters will like the quick don and doff of fire gear with SCBA
- Any industrial or public safety application where hard hat or helmet used and where SCBA or other face gear is also used.
- Use with welder, PAPR and other face protective shields.

Priced from:

$85.

COBALT AUDIO | VIDEO

1.800.264.6021

Call for Pricing

cobaltav.com

THROAT MICROPHONE

Tactical Neck Microphone

HD 2 YEAR WARRANTY

MIL STD 810

IP 68 *

Priced from:
$99.

TM

Our tactical throat microphone series has created a new standard in price, performance and comfort for demanding law enforcement, fire, industrial and other task critical or high noise communication applications.

*The **TM** is one of the most versatile economical audio accessories yet devised.* It has been effectively used in activities requiring breathing protection including SCBA's, gas masks, hazmat, plastic suit and confined space. It is also effective to talk and listen in extreme noise. Perfect for police tactical units and firefighters.

Included with our rugged use throat mic kit is a molded plastic neck mic with adjustable water sealed rubber cover, dual mic elements, clear acoustic ear tube, large round detachable tactical PTT switch and a radio connector cord. The throat mic is designed to fit necks 12 to 17 inches in size.

We also include a rubber mushroom tip ear plug and a medium-sized semi-custom ear mold connecting to an acoustic ear tube. An adjustable cloth retainer strap is now integrated into the neck mic assembly and does not generally need to be secured unless wearing inside protective clothing to insure a secure fit. Options include PHP disposable 29 dB NRR hearing protection plugs with an internal tube to attached to acoustic tube.

Tactical PTT

Semi-custom Ear Mold

Acoustic Tube with Ear Bud

***PHP** (shown on acoustic tube)*

**Throat mic section rated IP68. Standard round tactical switch rated IP56. PTT80 switch rated IP57.*

TACTICAL SWITCH HEADSET KITS

Our Tactical Switch combines with a variety of headset styles:

TKSLA ***TCH21*** ***TCH16*** ***TCH11***

With the popularity of our throat mic and bone conduction headset kits, we now provide inline round tactical switch versions of our Cobalt "blue" headsets and several other audio accessories. Throat mics, bone conduction headsets and all of our tactical switch accessories come with inline round tactical switch. We offer 2 switch alternatives, instead of standard switch, we can substitute PTT80 large rubber face 80 mm round switch for $20 or belt clip PTT junction box with detachable finger switch for $35.

Add these accessories to customize your kit.

Tactical Switch

Belt and Finger PTT Combo

PTT80

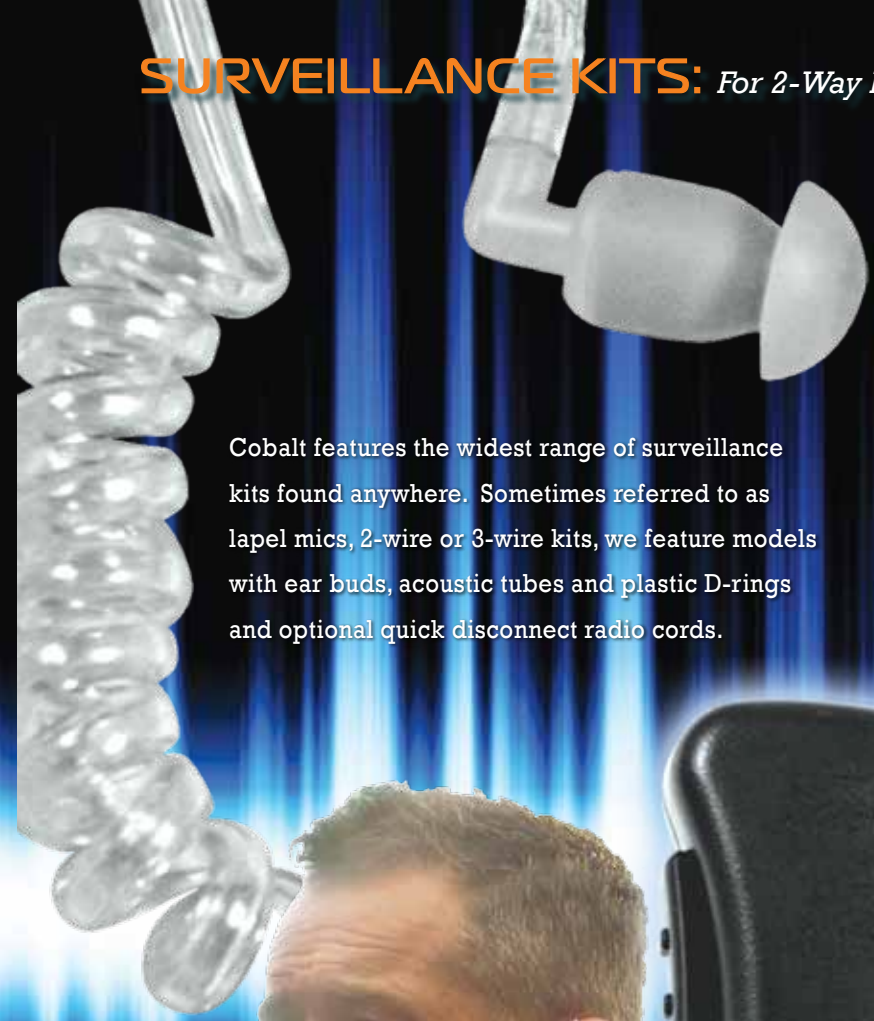
HD 2 YEAR WARRANTY

cobaltav.com

COBALT AUDIO | VIDEO

1.800.264.6021

SURVEILLANCE KITS: *For 2-Way Radios*



Cobalt features the widest range of surveillance kits found anywhere. Sometimes referred to as lapel mics, 2-wire or 3-wire kits, we feature models with ear buds, acoustic tubes and plastic D-rings and optional quick disconnect radio cords.

COBALT
AUDIO | VIDEO

1.800.264.6021
Call for Pricing
cobaltav.com

NEW FOR 2012!

QD UPGRADE AVAILABLE

ADD $30. FOR QUICK DISCONNECT VERSION

DLBG

Inline noise reduction lapel mic/push-to-talk/clip and comfortable cleanable hygienic plastic D-ring ear shell speaker. D-ring loops over the flap of the ear and swivels for left or right ear use.

1 YEAR WARRANTY

Priced from: $32.

QD UPGRADE AVAILABLE

ADD $30. FOR QUICK DISCONNECT VERSION

CLBG

Inline noise reduction lapel mic/push-to-talk/clip and comfortable cleanable hygienic plastic C-loop ear shell speaker. The adjustable "C" securely loops over the flap of the ear and swivels for right or left ear use.

1 YEAR WARRANTY

Priced from: $32.

QD UPGRADE AVAILABLE

ADD $30. FOR QUICK DISCONNECT VERSION

1 YEAR WARRANTY

KLBG

Inline noise reduction lapel mic/push-to-talk/clip and in-the-ear ear bud speaker. Soft earhook holds the ear bud in place.

Priced from: $37.

NEW FOR 2012!

QD UPGRADE AVAILABLE

ADD $30. FOR QUICK DISCONNECT VERSION

6 MONTH WARRANTY

HLBG

Inline noise reduction lapel mic/push-to-talk/clip and in-the-ear h
speaker with integrated ear hook containing receiver wire.
Replacement speaker foam available.

*Limited radio connectors available, including: **KSC, MSC, VSS2S** & **MOP**.*

Priced from: $35.

QD UPGRADE AVAILABLE

ADD $30. FOR QUICK DISCONNECT VERSION

Priced from: $48.

1 YEAR WARRANTY

PYM

Inline noise reduction lapel mic/push-to-transmit/clip and clear acoustic tube reinforced transducer speaker.

This is our most popular surveillance kit.

On acoustic ear tube models, a right medium size **SCE** semi-custom ear mold is included. Optionally, **SCE**'s are available in small, medium and large for left or right ears. Also available: **KLP** rubber earplugs and **PHP** 29 dB NRR disposable hearing protection communication ear plugs (100 per box).

See Listen Only ear kits on pages 36-37 for more detail.

SURVEILLANCE KITS: *For 2-Way Radios*

KLSN2

NEW FOR 2012!

$30.

6 MONTH WARRANTY

Traditional two-wire surveillance kit with clear acoustic tube reinforced transducer speaker and noise reduction lapel mic/ push-to-transmit/clip assembly.

1 YEAR WARRANTY

Priced from:
$64.

BYM

Budget priced inline lapel mic/push-to-transmit/clip and clear acoustic tube transducer speaker. *Limited radio connectors available, including **KSC, MSC, VSS2S** and **MOP.***

KLSN3

For covert operations, you can conceal our 3-wire kit under clothing. Kit has clear acoustic tube transducer speaker, micro lapel mic/clip and 3rd wire for form fit barrel push-to-talk switch.

HD 1 YEAR WARRANTY

MIL STD 810

Priced from:
$79.

KLSN

Two-wire kit with push-to-talk/clip module at mid-split junction module with wire to lapel mic/push-to-talk/clip and wire to clear acoustic tube reinforced transducer speaker.

1 YEAR WARRANTY

Priced from:
$62.

NEW FOR 2012!

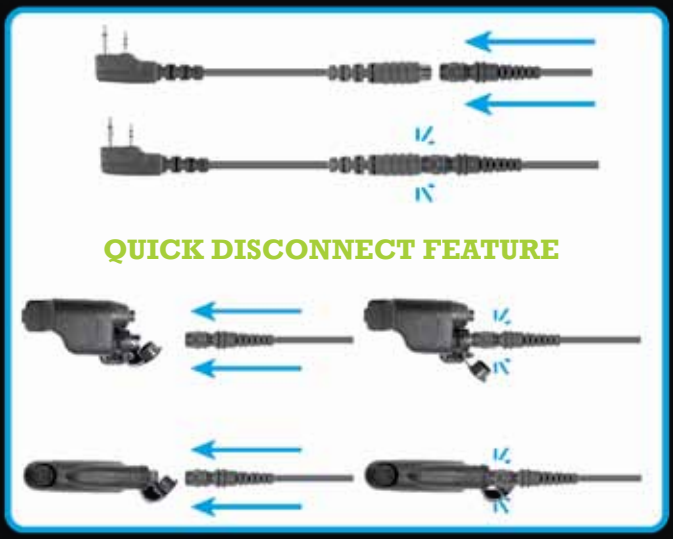
BLBG

Budget priced inline lapel mic/ push-to-transmit/clip and in-the-ear ear bud speaker. Soft earhook holds the ear bud in place.

6 MONTH WARRANTY

$22.

QUICK DISCONNECT SYSTEM



Our **Quick Disconnect System** allows easy connect and disconnect of your audio accessory, yet is secure enough to be used in most situations. Interchangeable with all **QD Adapters**, making communications convenient for multiple radio model users. QD's prevent wear and tear, prolonging your radio's life.

These and other accessories are available.

SPMW Speaker Mic

PYM Surveillance Kit

KLSA Headset

COBALT AUDIO | VIDEO

1.800.264.6021

Call for Pricing

cobaltav.com

AMPS1: *Advance Microphone for Public Safety*

NEW FOR 2012!

Hi/Low Volume Switch (6dB switch)
Noise Cancelling Mic reduces background noise
Large Tactile Side PTT
Rubber Non-slip Grips
Fully rotating Metal-reinforced Clothing Clip
Waterproof Connector (selected models)
Panic Switch (selected models)
3.5 mm External Jack for Listen-only Earpiece
Waterproof Cables
QD UPGRADE AVAILABLE
ADD $30. FOR QUICK DISCONNECT VERSION

The **AMPS1** is a heavy duty remote speaker microphone, built for public safety use. Engineered for performance and durability, **AMPS1** features a noise-canceling mic, high output speaker and high/low switch to toggle speaker volume.

PLATFORM FEATURES:

- Large speaker microphone
- Front-firing, hi volume speaker
- Hi/Low volume toggle switch with 6 dB range
- Rugged heavy duty design built for public safety use
- Fully submersible--meets IP67 standards!
- Large tactile switch PTT is easy to use even wearing gloves
- Earphone jack for optional listen-only earphone
- Panic switch available (radio must support external panic)
- *Cord lengths available:*
  - 6" straight
  - 7" straight
  - 12" coiled

Starting at:

$90.

Depending on connector

LISTEN-ONLY OPTIONS for all COBALT Speaker Mics

KLSC-S3.5
$26.

KLEL-S3.5
$21.

KLSH-S3.5
$33.

AMPS2: *Noise Cancelling Microphone*

NEW FOR 2012!

Large PTT Design
High Impact Water Resistant Polycarbonate Housing
Rubberized Grip prevents slippage
Metal Reinforced Swivel Clip on rear
3.5 mm External Jack for Listen-Only Earpiece
Waterproof Connector (selected models)

QD UPGRADE AVAILABLE

ADD $30. FOR QUICK DISCONNECT VERSION

The **AMPS2** is the weatherized version of our popular **SPMW** speaker microphone.

PLATFORM FEATURES:

- IP56 rating- sealed against dust and liquid
- 3.5 mm ear kit jack faces down to prevent rain from rain from entering. Jack cover cap must be used when not in use.
- Large PTT button easy to operate even with gloves
- Noise cancelling microphone
- *Cord lengths available:*
  - 6" straight
  - 7" straight
  - 12" coiled

Waterproof Cable Connections

HD 2 YEAR WARRANTY

MIL STD 810 | IP 66

Starting at:

$60.

Depending on connector

cobaltav.com

COBALT AUDIO | VIDEO

1.800.264.6021

Call for Pricing

SPEAKER MICROPHONES: *Remote Speaker*

UPGRADED FOR 2012!

HD 2 YEAR WARRANTY

MIL STD 810

IP 56

Priced from:

$54.

Depending on connector

3.5 mm External Jack for Ear Kit
Waterproof Connector (selected models)
Noise-reducing Microphone
Rubberized Grips prevents slippage
High Output Speaker
High Impact Water Resistant Polycarbonate Housing
Large PTT Design
Metal Reinforced Swivel Clip on rear
Waterproof Cables

QD UPGRADE AVAILABLE

ADD $30. FOR QUICK DISCONNECT VERSION

SPMW

Our best selling speaker mic is water resistant

- Heavy duty impact-resistant polystyrene top
- Rubber sealed for wet environments
- Quality components insure clear transmit and receive
- Large PTT and metal reinforced 360˚ swivel clip
- 3.5 mm accessory jack for remote ear kit

Replaceable cable with RJ45 jack:

6" straight
7" straight
12" coiled

Our speaker microphones offer the quality product you need at a value price. First class features include a rugged 360˚ swivel clip, excellent audio quality, rugged radio connector coiled cords and positive action PTT switches.

We offer both public safety-quality and retail compact sized models for most portable radios. Tactical antenna mics are also available.

NEW FOR 2012!

Priced from:
$32.
Depending on connector

HD
1 YEAR WARRANTY

IP 55

SPML

Small lightweight remote speaker microphone

- Mic produces excellent transmit audio
- Powerful speaker despite small size
- Remote 3.5 mm audio jack
- Spring loaded, metal reinforced rotating clothing clip.
- Durable polycarbonate housing for long product lifespan
- Flexible polyurethane jacketed microphone cable with ample strain relief
- 3.5mm accessory jack

Priced from:
$26.
Depending on connector

6 MONTH WARRANTY

IP 54

SPMM

*Designed with retail, hospitality, and healthcare users in mind, our **SPMM** MINI MIC is our smallest, lightest speaker microphone yet!*

- Small, lightweight and easy to use.
- Mic top measures only 2.8" x 1.9" x 0.85" (1.4" clip)
- Adjustable, rotating clip secures mic to user's clothing
- Loud matches the audio output of much larger speaker mics
- Tactile Push-To-Transmit button
- 3.5mm accessory jack for listen only ear kits

cobaltav.com

COBALT AUDIO | VIDEO

1.800.264.6021
Call for Pricing

LISTEN ONLY EAR KITS:

KLSH

Clear acoustic tube reinforced transducer kit.

S2.5 15 inch coil cord with 2.5 mm right angle connector

S3.5 15 inch coil cord with 3.5 mm right angle connector

L2.5 30 inch straight cord with 2.5 mm right angle connector

L3.5 30 inch straight cord with 3.5 mm right angle connector

Portable Radio Connector

KLEL

D-ring over ear loop speaker kit. Swivels for left or right ear. Hygienically cleanable.

S2.5 15 inch coil cord with 2.5 mm right angle connector

S3.5 15 inch coil cord with 3.5 mm right angle connector

L2.5 25 inch coil cord with 2.5 mm right angle connector

L3.5 25 inch coil cord with 3.5 mm right angle connector

MTC 30 inch straight cord with 3.5 mm threaded straight connector *(MTC, see radio chart)*

QD 30 inch straight cord with QD connector *(mates with QD radio adapter, sold separately)*

KLP

Ear Bud rubber mushroom shaped ear insert for large elbow fitting.

KLAC

KLAC Replacement clear acoustic tube
KLAB Replacement black acoustic tube
KLAZ Replacement clear acoustic tube with metal threading
KLAP Replacement clear acoustic tube with plastic twist connect

COBALT AUDIO | VIDEO

1.800.264.6021
Call for Pricing
cobaltav.com

KLSC

Economy ear bud speaker kit. Soft ear-hook holds the ear bud in place.

S2.5 15 inch coil cord with 2.5 mm right angle connector

S3.5 15 inch coil cord with 3.5 mm right angle connector

L2.5 25 inch coil cord with 2.5 mm right angle connector

L3.5 25 inch coil cord with 3.5 mm right angle connector

PHP

Disposable foam hearing protectors, 29 dB NRR, for small elbow fitting. Box of 100.

SCE

Semi-custom comfort fit ear mold for small elbow fitting.

RS	Right small
RM	Right medium
RL	Right large
LS	Left small
LM	Left medium
LL	Left large

PORTABLE RADIO ADAPTERS

See radio connector chart on pgs. 52-55 for more details.

M9716
MSC to MHT

M6766
MTC to MXT

M9717
MTC to MHT

K0111
KSC to KMC

M4455
MSC to MEX

M9783
MSC to MBO

WRS-QD: *Wireless push-to-talk ring switch adapter for two-*

Now enjoy almost hands-free PTT control of your wired audio accessories! This is better than VOX, since you only transmit when you intend to transmit.

1 YEAR WARRANTY
QD accessory jack
Auxiliary PTT switch (also used for pairing)
Includes wireless ring switch PTT transmitter which can be held in hand or attached to clothing with velcro.
WRS-QD-MBO shown

FEATURES:

Adapter has Aux PTT switch (also used for pairing), QD audio jack and included wireless ring switch.

Quick Disconnect jack allows use of Cobalt Quick Disconnect (QD) audio accessories (except "listen-only" kits).

The wireless receiver in the WRS-QD adapter enables activation of Push-to-Talk (PTT) function of 2-way radio wirelessly.

Includes wireless ring PTT transmitter which can be held in hand or attached to clothing.

When using the wireless PTT, transmit audio is picked up by the microphone in the attached QD accessory.

The wireless receiver in the WRS-QD adapter is powered by 2-way radio. The ring switch transmitter is powered by a single (included) replaceable coin-cell battery which provides hundreds of hours of operation.

Most Cobalt accessories are available in a QD version.

WRS-QD-IMC

WRS-QD-KMC

Use **WQD** wireless ring switch adapters with many Cobalt QD accessories.

KLSA-QD
$70.

TM-QD
$104.

KLSN2-QD
$77.

CH21-QD
$311.

QD accessories sold separately.

YOUR CHOICE OF ADAPTER: $95.

WRS-QD-MXT

WRS-QD-MHT

WRS-QD-MBO

Kenwood radios may require reprogramming in order to provide power to the **WRD-QD-KMC. Some older Kenwood radios may not be compatible.*

WRS-QD-VNM

COBALT AUDIO | VIDEO

1.800.264.6021
Call for Pricing
cobaltav.com

VEHICLE INTERCOMS:

With 2-way radio interface

550 Single Radio Intercom

Cobalt apparatus intercoms offer effective vehicle communications and mandated hearing protection for fire and emergency responders. Jack boxes and intercoms are made of anodized magnesium alloy finish extruded aluminum with gasket seals. Cables can withstand extremes of temperature, moisture and sun. All cables are terminated with round metal locking connectors..

550 Single Radio Intercom

Supports driver and officer positions and up to 2 remote pump panel/outside transmit capable positions. Up to 6 crew intercom/non-transmit positions. Includes 1 mobile radio interface, plus cell phone jack, audio IN with auto muting and record OUT jacks.

800 Dual Radio Intercom

CH16 Headset

800 Dual Radio Intercom

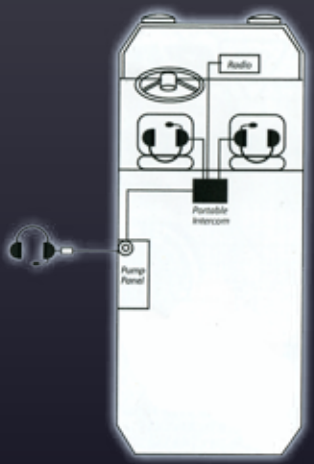
Same as 550, adds two mobile radio interfaces.

Variety of headset styles available.

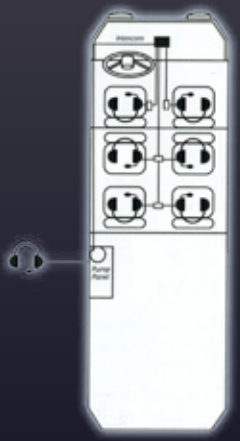
CH21

CH11

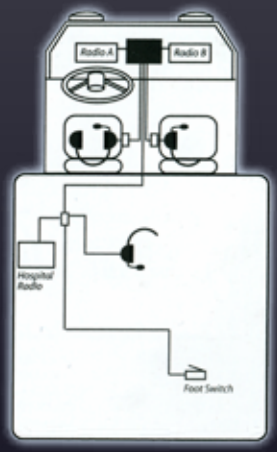
CH41



Pumper: 550, driver/officer, pump panel and radio interface.



6 position: 550, driver/officer, 4 crew, pump panel and radio interface.



EMS: dual radio 800 with 2 radio interfaces, driver/officer 0611 A-B switch jacks, 0640 EMS medic jack with foot switch and hospital radio interface.

Vehicle Intercom Accessories continued:

611

Driver/officer A-B switch jack box with PTT switch (*for 800 intercom*).

600

Driver/officer transmit jack box.

601

Driver/officer transmit jack box with PTT switch.

625

Single crew non-transmit jack box.

635

Dual crew non-transmit jack box.

INTERCOM CABLES

High quality cable used for connecting intercom to jack boxes.

441	5 foot
442	10 foot and up in 5 foot intervals
434	Y-splitter cable

Cobalt A/V
5-conductor Nexus plug fits Cobalt A/V intercom jacks

S2120-05 - 5 ft.
S2120-15 - 15 ft.

David Clark
3/16" plug fits old style David Clark intercom jacks

S2110-05 - 5 ft.
S2110-15 - 15 ft.

David Clark
1/4" military style plug fits David Clark intercom jacks

S2130-05 - 5 ft.
S2130-15 - 15 ft.

Firecom
5-conductor Nexus plug fits Firecom intercom jacks
PTT positions:
S2121-05 - 5 ft.
S2121-15 - 15 ft.
Crew positions:
S2122-05 - 5 ft.
S2122-15 - 15 ft.

Sigtronics & Setcom
1/4" plug fits both Sigtronics and Setcom intercom jacks

S2100-05 - 5 ft.
S2100-15 - 15 ft.

David Clark/ Sigtronics
4-conductor Nexus style plug fits David Clark and Sigtronics intercom jacks

S2140-05 - 5 ft.
S2140-15 - 15 ft.

PP

Outdoor pump panel transmit jack box with string action jack cover.

FS

FS Transmit function foot switch for connection to jack box or to intercom.

HH

Headset hanger

HEADSET CORD

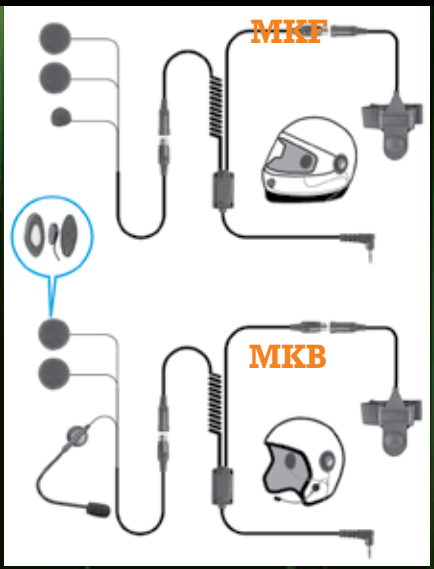
Coiled cords with Nexus 5-contact connector (used on Cobalt intercoms). Cords are polyurethane outer jacket with 100% foil shield for optimal RFI imm

S2120-05 5 foot coil cord **S2120-15** 15 foot coil cord

MKB/MKF *Motorcycle in-helmet headset kit*

Powerful in-helmet speakers allow the user to hear radio transmissions over road noise. High quality electret condenser element produces excellent transmit audio. Handle-bar mountable Push-To-Talk switch for convenient communications. Installs into helmet using only two-sided fastening tape. No drilling of holes is required. Modular features allow the mic system to be easily disconnected from the motorcycle. Available for both open faced (**MKB**) and full faced (**MKF**) helmets.

Limited radio connector cord availability:
-ISC, -ITC, -KSC, -MSC, -MOP, -MTC, -VSC, -VTC. For -KMC radios, use K0111 with -KSC. For MEX, use M4455 with -MSC. For -MHT use M9716 with -MSC or M9716 with -MTC. For MXT, use M9717 with -MTC.
See connector page on page 52 for radio chart.



The ComtronICS Story

ComtronICS Inc., also known as **Comtronics Industrial Communication Systems**, is a 32 year veteran of the wireless business with a solid reputation as a knowledgeable and reliable supplier of headsets, radios and wireless technology in several vertical markets both locally and nationally, including nuclear, public safety, energy and paper products manufacturing. Our customers include many Fortune 500 companies.

In 2012, we opened our second location in Northern Kentucky to serve the Cincinnati metropolitan market. We have also expanded our offerings into project management of cellular DAS, wireless data networks and rugged computer sales.

ACCESS CONTROL

We offer access control systems for your facility whether single site or multiple sites. We offer single badge access or Keyfob products.

BRANDS: DSC, IEI-Lanier, HIDGlobal, Kantech, and Honeywell.

VIDEO SURVEILLANCE

We offer IP and conventional composite video surveillance solutions for your facility.

BRANDS: Axis, Mobotix, ArecontVision, Panasonic, Optiview, and Ubiquiti.

IP TELEPHONY

We offer IP or SIP phone systems and WiFI including WiMax solutions, integrated voice mail and smart phone integration. We provide Avaya IP Office systems.

BRANDS: Polycom Spectralink, Avaya, Asterick, LinuxMCE, Plantronics, and Vcom.

Microwave point to point or point to multi point solutions.

RF SOLUTIONS

We offer RF Solutions with turnkey implementation including FCC Licensing, tower location and System design, plus construction and system installation.

BRANDS: Redline, Alcatel-Lucent, Ubiquiti, and Motorola.

COMTRONICS

www.comtronicsnow.com

TWO-WAY RADIO

We offer two-way sales, programming, installation and service. Also, we provide FCC licensing consultation, complete system integration, dispatch and 911 consoles and IP radio solutions, plus P25 and digital radio systems. We have a specialty in providing protective clothing wireless communication. We have been recognized 3 times for excellence by Motorola including in 2011.

BRANDS: Motorola, Vertex, Zetron, 3M Peltor, David Clark, HME Clearcom, and Pyramid.

DAS/BDA DISTRIBUTED ANTENNA SYSTEMS

(DAS) and Bi-direction antenna systems (BDA) are used to provide cellular coverage in large public facilities such as arenas and stadiums, hospitals, office buildings and college campuses. We specialize as system integrators for in-building wireless installation and partner with end users, carriers and manufacturers/contractors. We have the ability to take the project from conceptual through closing through project management methodology, detail design and drawings and quality installation following a strict adherence to industry standards.

BRANDS: Tyco, Commscope, MobileAccess, SolidWireless, AxellWireless, Powerwave, G-WaveRF, Bird-TXRX, CSI Cellular Specialists, and Boston Amplifier.

MOBILE DATA

We provide services and solutions to the mobile workforce. We offer rugged devices, Laptops. Software solutions, private networks, VPN, Installation Services. We are the total mobile solution integrator.

BRANDS: Motorola, IPMobileNet, Cradlepoint, Sierra Wireless, Verizon, AT&T, Sprint, T-Mobile, General Dynamics, Durabook, Getac, LXE, Dell, HP, Zonar,and Routeware.

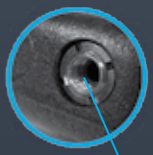
AMPS-GPS *Next Generation GPS Microphone for Portable*

NEW FOR 2012!

LED alerts the user to Battery and GPS status

PTT Switch

Multifunction AUX Button



3.5 mm Earphone Jack

Aperture Coupled Mic reduces background noise

Rotating metal reinforced Clothing Clip

Internal GPS, Modem, 1300 Location Memory, and GPS Antenna

Mini USB Jack for charging and programming

HD
1 YEAR WARRANTY

MIL STD 810

IP 57

Panic Alarm Button alerts Dispatch of User location

Multiple U.S. and international patents held.

NEW FOR 2012!

GPS-KMC-NX
Adapter

FLEET SYNCH ADAPTER

The **GPS-KMC-NX** adapter for Fleetsync® and Nextedge® has the same data format as Kenwood GPS mics. The adapter can be used with any mapping or tracking software system supporting Kenwood GPS mics.

The **AMPS-GPS** speaker mic with GPS location reporting for portable radios operates as a normal remote speaker microphone attached to a two-way radio but also contains a GPS receiver and FSK modem. It sends data reports over the voice radio channel which allow the dispatch operator to know the current location of each **AMPS-GPS** unit.

Because **AMPS-GPS** integrates into your existing voice radio system, there is no requirement for additional radio channels/licensing and there is NO MONTHLY FEE to deliver no-hassle REAL TIME GPS TRACKING. The unit works with both conventional and trunked analog radio systems (may not work with digital radio systems).

FEATURES:

- Functions as both remote speaker microphone and GPS location device.
- Works with most 2-way radio: conventional or trunked. Track radio operators.
- Integrates into existing non-compressed voice radio system; does not require separate data channel.
- Location reports are sent as short audible data bursts.
- *GPS-enabled mic is capable of reporting location of user based on different criteria:*
  - **Polling:** Reports location of GPS mic when dispatch requests.
  - **Push-To-Talk:** Reports location whenever user presses PTT key to talk.
  - **Elapsed Time:** Automatically sends location report after programmed time.
  - **Relative Distance:** Sends location report upon movement to pre-determined distance from last reported location.
  - **Fixed Distance (Geofence):** Sends location report/alert whenever a user moves outside programmed perimeter.
- Mute function turns the internal speaker off while data reports from other GPS mics are received, reducing the amount of data heard by voice users.
- Base-enabled feature allows GPS mics to view location reports graphically when connected to PC running mapping software.
- Professional quality, water resistant construction for heavy use and long life.

Same data format as Kenwood GPS mics. Can be used with any mapping or tracking software system supporting Kenwood GPS mics.

GPS MIC BOX: *For Mobile Radios*

Radio Cable Connector
(Sold separately)
Status LED Alerts the User to GPS Status
Mini USB Jack for PC Connection & Programming
(CABLE NOT INCLUDED)
Internal GPS, Modem, 1,300 Location Memory and GPS Antenna
CAN BE USED FOR BASE LOCATION
Antenna Connector for GPS Patch Antenna
(Antenna Included)

Features:

GPS MIC BOX adds over-the-air GPS location reporting features to mobile or fixed (base) station 2-way radio.

GPS MIC BOX is compatible with AMPSG GPS system.

Works with many mobile 2-way radios including conventional and trunked.

Integrates into non-compressed voice radio system; does not require dedicated data channel.

Location reports are short audible data burst transmissions.

Internal GPS receiver - SMA style jack allows connection of external GPS patch antenna (included). GPS location data is typically accurate to 10 meters.

Onboard memory can record/store up to 1,300 location reports, equivalent to over 100 hours of location history, assuming 1 location report per 5 min.period.

Allows radio operator to use mobile radio's standard microphone.

Radio Cable layout varied by radio model - The **GPS MIC BOX** connects to most two-way radios using only the radio's accessory jack - Some radio models require connection to a combination of the accessory jack, microphone jack, and/or external speaker jack.

Integrated USB jack allows the connection to computer.

Base-Enabled feature allows user to view location reports graphically when unit is connected to Windows PC running Tools software.

The **GPS MIC BOX** has same configurable reporting options as AMPSG mic.

Single Channel Base Station Operation

The **GPS MIC BOX** can be used as 1-channel GPS Base Station when connected to Windows PC running Tools software suite. This enables location reports to be displayed on Tools: CheckPoint mapping application.

GPS MIC SYSTEM:

GPS-enabled AMPSG Speaker Mic & Mobile Mic Box System

Features:

Integrates into existing voice channels; no additional data channel is required.

Provides location reporting across radio system coverage area.

Auto-location reports are sent when mic detects clear channel.

Highly customizable. Parameters programmable using GPS Tools software.

Over-the-air, on-the-fly capabilities.

Cobalt **AMPSG** speaker mic or **GPS MIC BOX** can be used as a 1-channel base station.

For larger networks, Base Station Unit (BSU) can receive location reports from up to 4 radio channels. BSUs can be stacked.

The Application Programming Interface (API) allows the **AMPSG GPS** mic system to be integrated into 3rd-party software.

BASE STATION: Any AMPSG or GPS MIC BOX can be installed as a 1-channel base station. A rack-mounted Base Station Unit is available for multiple channel installations. A Windows PC running GPS Tools: CheckPoint is attached by USB to Base Radio Station GPS-enabled mic to view maps showing live location reports.

COMMAND - AMPSG or GPS MIC BOX in the field can be connected to Windows laptop PC to view maps and use other base station functions.

MOBILE: GPS MIC BOX installed with mobile radio. Sends location reports.

PORTABLE: Portable radio with AMPSG speaker mic attached. Sends location reports.

GPS Patch Antenna (antenna included)

GPS Box Typical Installation

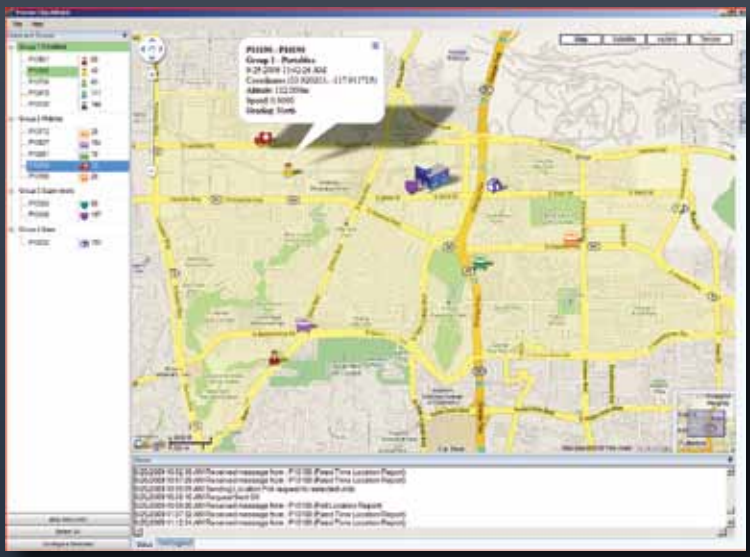
cobaltav.com

COBALT AUDIO | VIDEO

1.800.264.6021

Call for Pricing

GPS MIC SYSTEM: *GPS Mic Tools: CheckPoint and*



CheckPoint *software shows GPS MIC locations*

CheckPoint Features:

Track/view location reports using map information provided by Google Maps.

Map, satellite, hybrid and terrain views.

Easy polling of locations.

Assign unique icons to each GPS-enabled mic shown on map. 200 icons are included or import your own.

Reprogram units over-the-air.

Receive/manage panic alarm reports.

View historical location data for users/groups. Import saved history and export to NMEA, KML or GPX formats.

Aliasing feature assigns descriptive names to GPS-enabled mics and mic groups. Change on fly.

Visual overlay allows drawing on map for reference.

Places of Interest can be added to map.

Track AMPSG mics with PRYME's CheckPoint™ Software. Manage AMPSG mic units & mic groups.

View detailed GPS location info for each AMPSG mic

Add locations of interest to the map

Configurator Features:

Read settings programmed into GPS-enabled mics.

Write updated settings to GPS mics.

Set Unit ID and group number of a GPS mics.

Set radio profile for GPS mic. Load existing or create new radio profiles.

Manage parameters including reporting modes and panic alarm.

Manage GPS mic's internal memory feature; including downloading and saving reports or clearing recorded memory so it can save new reports

Save/load operating behavior templates.

Download/archive/clear reports saved to GPS mic's internal memory.

GPS Tools software suite is used to program and manage the AMPSG or GPS MIC BOX units on your 2-way radio system. Tools contains 2 different software applications that make managing your GPS MICs easy: *Configurator* and *CheckPoint*. **CheckPoint** is a fleet management program used to track and remotely administer GPS-enabled mics. **Configurator** is used to program/customize GPS-enabled mics before deployment.

CELLULAR COVERAGE SOLUTIONS

Cellular Coverage Made Si

Shown here: In-Building 65 dB Bi-Directional Cellular Amplifier with indoor and hi-gain outdoor antennas (available as kit)

Extend Coverage: spots into hot zon

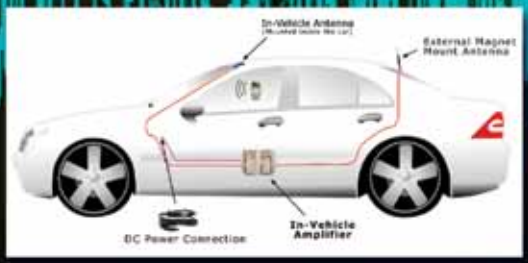
- Multi-User Capability
- Supports 3G/4G
- High performance
- FCC & ICC Certified

(Actual results may vary.)

BA amplifiers provide a this common problem.

STAY CONNECTED STAY CON

Frustrated with poor cell reception and dropped calls?



Our product line includes: in-vehicle and in-building cellular bi-directional amplifiers (BDA's) and amplifier kits.

Applications include:

- Home or Small Office
- Restaurants & Clubs
- Warehouses
- Regional Cellular Carriers
- Police
- Fire Department/Paramedic
- Public Safety Command Vehicles
- Commercial Vehicles

Actual results may vary. **Models are available covering 800 MHz band, 1900 MHz band, Motorola IDEN and international cellular frequencies.**

mple for Vehicles, Homes & Offices

Turn cellular weak
es.

Improve customer satisfaction and productivity with cellular amplifiers that increase bars, reception, voice quality, data transmission & cell signal range.

cost effective solution to

NNECTED STAY CONNECTED

BOSTON Amplifier

Your solution to wireless technology

MADE IN USA

Shown here: In-Vehicle Amplifier Kit including outside and inside vehicular antennas.

cobaltav.com

COBALT AUDIO | VIDEO

1.800.264.6021

Call for Pricing

RADIO CONNECTOR CHART

MANUFACTURER	RADIO MODELS	STYLE	DESCRIPTION
COBRA	FRS105, FRS110, FRS220, PR1100	2-PIN	-ITC
COBRA	CXR700, CXR800, CXR900, CXR920, CXT400, LI Series, LI3900, LI5600, LI6000, LI6500, LI6700, LI7000, LI7020, MRHH100, MRHH200, PR Series, PR190, PR240, PR245, PR3000, PR3100, PR3175, PR350, PR4000, PR4100, PR4250, PR4300, PR5000, PR560	1-PIN	-MOP
EF JOHNSON	8100 Series, Avenger-7780, Avenger-8150, Avenger-8160, Avenger-8170	MULTI-PIN	-EFJ
EF JOHNSON	(requires M6676 or Motorola BDN6676 adapter) 51 SLES Series, 5100 Series, 511X, 512X, 514X, 518X, Ascend ES Series	1-PIN THREADED	-MTC
EF JOHNSON	51 SLES Series, 5100 Series, 511X, 512X, 514X, 518X, Ascend ES Series	MULTI-PIN	-MXT
HARRIS	LPE200, PRISM	MULTI-PIN	-LPE
HARRIS	MRKI, MRKII, MRKIII	MULTI-PIN	-MRK
HARRIS	JAGUAR 700P, P5100, P5130, P7100, P7130, P7150, P7170	MULTI-PIN	-JAG
HYT	TC-268, TC-268S, TC-270, TC-368, TC-368S, TC-370	2-PIN	-KSC
HYT	(requires M9716 or Motorola HLN9716 adapter) TC-980 (requires M4455 adapter) PT-790, TC-3000, TC-3600, TC-610P, TC-780, TC-780MPT	2-PIN	-MSC
HYT	TC-1600, TC-500, TC-600, TC-610, TC-620, TC-700, TC-700EX	2-PIN	-HYT
HYT	TC-980	MULTI-PIN	-MHT
HYT	PT-790, TC-3000, TC-3600, TC-610P, TC-780, TC-780MPT	MULTI-PIN	-MEX
HYT	PD782/785, PD702, PT580	MULTI-PIN	-HYP
HYT	TC-320	1-PIN	-MOP
ICOM	IC-02AT, IC-03AT, IC-04AT, IC-2GAT, IC-2GXAT, IC-4008A, IC-4088A, IC-80AD, IC-91A, IC-91AD, IC-F3, IC-F3S, IC-F4, IC-F4S, IC-F4TR, IC-H16, IC-H2, IC-H6, IC-J12, IC-M5, IC-Q7A, IC-T22A, IC-T22E, IC-T42A, IC-T42E, IC-T7H, IC-T90, IC-TH7H, IC-U12, IC-U16, IC-W32A	2-PIN	-MTC
ICOM	IC-3GT, IC-F11, IC-F11S, IC-F21, IC-F21BR, IC-F21GM, IC-F21S, IC-F3011, IC-F3021, IC-F31, IC-F3G, IC-F3GS, IC-F4011, IC-F4021, IC-F43GS, IC-F43GT, IC-F43TR, IC-F4G, IC-F4GS, IC-F4GT, IC-U82, IC-V8, IC-V82	2-PIN	-ISC
ICOM	F33G, F-51, F-61, IC-3GT, IC-F14, IC-F21BR, IC-F21GM, IC-F24, IC-F3021, IC-F302IT/S, IC-F31, IC-F3GS, IC-F4021, IC-F402IT/S, IC-F43GS, IC-F43GT, IC-F43TR, IC-F4G, IC-F4GS, IC-F4GT, IC-V85	2-PIN	-ISC2S
ICOM	IC-F3061T/S, IC-F30G, IC-F30GS, IC-F30GT, IC-F3161, IC-F31GS, IC-F31GT, IC-F4061T/S, IC-F40G, IC-F40GS, IC-F40GT, IC-F4161, ICF-4161, IC-F50, IC-F50V, IC-F60, IC-F60V, IC-F70, IC-F80, IC-M88	MULTI-PIN	-IMC
ICOM	IC-F9011, IC-F9021	MULTI-PIN	*Coming Soon* -IFR
ICOM	*This connector is available only on selected products.* IC-400PRO, IC-F1020, IC-F110, IC-F110S, IC-F121, IC-F1215, IC-F1710, IC-F1721, IC-F1721D, IC-F1810, IC-F1821, IC-F1821D, IC-F2020, IC-F210, IC-F210S, IC-F221, IC-F221S, IC-F2710, IC-F2721, IC-F2721D, IC-F2810, IC-F2821, IC-F2821D, IC-F310, IC-F310S, IC-F320, IC-F320S, IC-F410, IC-F410S, IC-F420, IC-F420S, IC-F5021, IC-F5061, IC-F510, IC-F520, IC-F521, IC-F6021, IC-F6061, IC-F610, IC-F620, IC-F620TR, IC-F621, IC-F621TR, IC-F9511, IC-F9511HT, IC-F9521	MOBILE RADIO REAR AUX JACK DB-9	-MOB-11

Cobalt stocks a wide variety of connectors to fit many radio models.

MANUFACTURER	RADIO MODELS	STYLE	DESCRIPTION
ICOM	This connector is available only on selected products. IC-400PRO, IC-F1020, IC-F110, IC-F110S, IC-F121, IC-F121S, IC-F1710, IC-F1721, IC-F1721D, IC-F1810, IC-F1821, IC-F1821D, IC-F2020, IC-F210, IC-F210S, IC-F221, IC-F221S, IC-F2710, IC-F2721, IC-F2721D, IC-F2810, IC-F2821, IC-F2821D, IC-F310, IC-F310S, IC-F320, IC-F320S, IC-F410, IC-F410S, IC-F420, IC-F420S, IC-F5021, IC-F5061, IC-F510, IC-F520, IC-F521, IC-F6021, IC-F6061, IC-F610, IC-F620, IC-F620TR, IC-F621, IC-F621TR, IC-F9511, IC-F9511HT, IC-F9521 Icom OPC-617	MOBILE RADIO FRONT MIC JACK RJ-45	 -MOB-12
KENWOOD	TH-22AT, TH-235A, TH-28A, TH-42AT, TH-48A, TH-77A, TH-78A, TH-D7A(G), TH-F6, TH-F6A, TH-G71A, TH-K2AT, TK-208, TK-2100, TK-2102, TK-2130, TK-2160, TK-2170, TK-220, TK-2200, TK-2200LP, TK-2212L, TK-2302VK, TK-240, TK-240D, TK-248, TK-250, TK-260, TK-260D, TK-260G, TK-270, TK-270G, TK-272G, TK-308, TK-3100, TK-3101, TK-3102, TK-3130, TK-3131, TK-3160, TK-3170, TK-3173, TK-320, TK, 3200, TK-3200LP, TK-3212L, TK-3230, TK-3230XLS, TK-3302UK, TK-340, TK-340D, TK-348, TK-350, TK-353, TK-360, TK-360G, TK-370, TK-370G, TK-372G, TK-373, TK-430, TK-431, TK-2312, TK-3312 (requires K0111 or Kenwood KCT-30 adapter) NX-200, NX-300, TK-190, TK-2140, TK-2180, TK-280, TK-290, TK-3140, TK-3148, TK-3180, TK-380, TK-385, TK-390, TK-480, TK-481, TK-5210, TK-5220, TK-5310, TK-5320, TK-5400	2-PIN	 -KSC
KENWOOD	NX-200, NX-300, TK-190, TK-2140, TK-2180, TK-280, TK-290, TK-3140, TK-3148, TK-3180, TK-380, TK-385, TK-390, TK-480, TK-481, TK-5210, TK-5220, TK-5310, TK-5320, TK-5400	MULTI-PIN	 -KMC
KENWOOD	This connector is available only on selected products. TK-6110, TK-630, TK-7102, TK-730, TK-760, TK-762, TK-830, TK-780, TK-8102, TK-840, TK-860, TK-862, TK-863, TK-880, TK-885, TK-930, TK-940, TK-980, TK-981	MOBILE RADIO REAR JACK MOLEX	 -MOB-K1
KENWOOD	This connector is available only on selected products. TK-6110, TK-630, TK-7102, TK-730, TK-760, TK-762, TK-830, TK-780, TK-8102, TK-840, TK-860, TK-862, TK-863, TK-880, TK-885, TK-930, TK-940, TK-980, TK-981	MOBILE RADIO FRONT MIC JACK RJ-45	 -MOB-K2
KENWOOD	This connector is available only on selected products. TK-690, TK-790, TK-890	MOBILE RADIO REAR AUX JACK DB-25	 -MOB-K3
KENWOOD	This connector is available only on selected products. TK-7180, TK-7189, TK-8180, TK-8189	MOBILE RADIO REAR AUX JACK DB-25	 -MOB-K4
KENWOOD	This connector is available only on selected products. TK-7100, TK-7102, TK-7160, TK-7162, TK-7180, TK-7189, TK-8100, TK-8102, TK-8160, TK-8160, TK-8162, TK-8180, TK-8189, TK-90	MOBILE RADIO FRONT MIC JACK RJ-45	 -MOB-K5
KENWOOD	This connector is available only on selected products. TK-7100, TK-7102, TK-7160, TK-7162, TK-8100, TK-8102, TK-8160, TK-8160, TK-8162, TK-90	MOBILE RADIO REAR JACK MOLEX	 -MOB-K6
MAXON	SP410 (requires Maxon ACC-506 adapter) PL1145, PL2215P, PL2245, PL2245P, PL2415, PL2445, PL5151, PL5161, PL5164, SP200, SP200K, SP210 (requires Maxon ACC-501 adapter) SL100, SL100K, SL25, SL55, SL55Plus, SL70, SP300, SP310, SP320, SP330, SP340	2-PIN	 -ITC
MAXON	75-440, 75-785, 80-400	2-PIN	 -MDRC
MAXON	PL1145, PL2215P, PL2245, PL2245P, PL2415, PL2445, PL5151, PL5161, PL5164, SL100, SP200, SP200K, SP210	1-PIN	 -MSP
MIDLAND	JMX Series, JMX-141D, JMX-144D, JMX-146D, JMX-441D, JMX-444D, JMX-446D, RTX Series, RTX-050, RTX-150, RTX-450, SST D Series, SST-144D, SST-444D, SST-446D	2-PIN	 -ITC
MIDLAND	75-440, 75-785, 80-400, 70-440BP	2-PIN	 -MDRC
MIDLAND	GXT Series*, LXT Series *Earphone products only (KLRN). No Speaker Mics.	2-PIN	 -MID
MOTOROLA	AXU4100, AXV5100, BPR40, CLS1110, CLS1410, CLS1413, CLS1450C, CLS1453C, CP100, CP150, CP185, CP200, CP88, CT125, CT150, CT250, CT450, CT450LS, DTR, DTR410, DTR550, DTR650, GP200, GP2000, GP300, GP308, GP68, GP88, GTI, GTX, LTS2000, P040, P080, P110, P1225, P1225LS, P200, P2000, PR400, RDK, RDU, RDU2020, RDU2080D, RDU4100, RDU4160D, RDV, RDV2020, RDV2080D, RDV5100, SP10, SP21, SP50, VL50, XTN, XTN446, XTN500, XTN600, XU1100, XU2100, XU2600, XV1100, XV2100, XV2600 (requires M9716 or Motorola HLN9716 adapter) CBPRO, GP1280, GP140, GP320, GP328, GP329, GP338, GP339, GP340, GP350, GP360, GP380, GP640, GP650, GP680, GP960, HT1250, HT1250LS, HT1550, HT1550XLS, HT750, JT1000, MTX8250, MTX8250LS, MTX850, MTX850LS, MTX9250, MTX950, PR860, PRO5150, PRO5350, PRO5450, PRO5550, PRO5750, PRO7150, PRO7350, PRO7450, PRO7550, PRO7750, PRO9150, PRO9150, PTX700, PTX760 (requires M4455 adapter) EX500, EX600EX600XLS, GL2000, GP328 PLUS, GP338 PLUS, GP344, GP388, PRO5151 Elite, EX560 (requires M9783 adapter) APX 7000, APX 7500, XPR6300, XPR6500, XPR6550	2-PIN	 -MSC

RADIO CONNECTOR CHART

MANUFACTURER	RADIO MODELS	STYLE	DESCRIPTION
MOTOROLA	(requires M6676 or Motorola BDN6676) GP900, GP9000, HT1000, MT1500, MT2000, MTS2000, MTX8000, MTX838, MTX900, MTX9000, MTX960, MTXLS, PRI500, X1500, XTS1500, XTS2000, XTS2500, XTS3000, XTS3500, XTS5000, GP1200 (requires M9717 or Motorola HLN9717 adapter) CBPRO, GP1280, GP140, GP320, GP328, GP329, GP338, GP339, GP340, GP360, GP380, GP640, GP650, GP680, GP960, HT1250, HT1250LS, HT1550, HT1550XLS, HT750, JT1000, MTX8250, MTX8250LS, MTX850, MTX850LS, MTX9250, MTX950, PR860, PRO5150, PRO5350, PRO5450, PRO5550, PRO5750, PRO7150, PRO7350, PRO7450, PRO7550, PRO7750, PRO9150, PTX700, PTX760, PTX780	1-PIN	 -MTC
MOTOROLA	GP900, GP9000, HT1000, MT1500, MT2000, MTS2000, MTX8000, MTX838, MTX900, MTX9000, MTX960, MTXLS, PRI500, X1500, XTS1500, XTS2000, XTS2500, XTS3000, XTS3500, XTS5000, GP1200	MULTI-PIN	 -MXT
MOTOROLA	CBPRO, GP1280, GP140, GP320, GP328, GP329, GP338, GP339, GP340, GP360, GP380, GP640, GP650, GP680, GP960, HT1250, HT1250LS, HT1550, HT1550XLS, HT750, JT1000, MTX8250, MTX8250LS, MTX850, MTX850LS, MTX9250, MTX950, PR860, PRO5150, PRO5350, PRO5450, PRO5550, PRO5750, PRO7150, PRO7350, PRO7450, PRO7550, PRO7750, PRO9150, PTX700, PTX760, PTX780	MULTI-PIN	 -MHT
MOTOROLA	EX500, EX600, EX600XLS, GL2000, GP328 PLUS, GP338 PLUS, GP344, GP388, PRO5151 Elite, EX560	MULTI-PIN	 -MEX
MOTOROLA	EM1000, FR50, FR60, FV300, FV300R, FV700R, FV750R, MH230R, MJ270R, MR350R, MR355R, SPIRITGT, SPIRITGT Plus, SX600R, SX900R, T270, T280, T289, TS100, TS200, TS300, TS320, TS400, TS410, TS420, TS500, TS600, TS620, TS700, TS710, TS720, TS800, TS820, TS920, TS950, T6200, T6210, T6220, T6250, T6300, T6320, T6400, T6500, T7200, T7400, T8500, T8550, T9500XLR, T9550XLR, T9580R, T9680R, T9750R, TalkAbout	1-PIN	 -MOP
MOTOROLA	ASTRO SABER, MX1000, MX2000, MX3000, RPV- 7500, SABERI, SABERII, SABERIII	MULTI-PIN	 -MSB
MOTOROLA	APX 7000, MOTOTRBO XPR6300, XPR6500, XPR6550, APX 7500, XPR6100, XPR6350, XPR6580	MULTI-PIN	 -MBO
MOTOROLA	This connector is available only on selected products. CM200, CM300, CDM1250, CDM1550, CDM750, GM Series, Maxtrac Series	MOBILE RADIO REAR AUX JACK 16 PIN	 -MOB-M1
MOTOROLA	This connector is available only on selected products. CM200, CM300, CDM1250, CDM1550, CDM750, GM Series, Maxtrac Series, MCS2000	MOBILE RADIO FRONT MIC JACK RJ-45	 -MOB-M2
MOTOROLA	This connector is available only on selected products. MCS2000	MOBILE RADIO BOTTOM AUX JACK 25 PIN	 -MOB-M3
MOTOROLA	This connector is available only on selected products. XTL1500, XTL2500, XTL5000	MOBILE RADIO REAR AUX JACK 16 PIN	 -MOB-M4
NEXUS	NEXUS Plug. Call for compatibility.	4-CONTACT PLUG	 -NX4
NEXUS	NEXUS Plug. Call for compatibility.	5-CONTACT PLUG	 -NX5
RELM	RPU416, RPU4200, RPU499, RPV4200, RPV516, RPV599X	2-PIN	 -KSC
RELM	RPU6500, RPV6500 (requires M4455 adapter) RPU3000A, RPU3600, RPU3600APLUS, RPU7500, RPV3000A, RPV3600APLUS, RPV7500, RPV7500	2-PIN	 -MSC
RELM	RPU3000A, RPU3600, RPU3600APLUS, RPU7500, RPV3000A, RPV3600, RPV3600APLUS, RPV7500	MULTI-PIN	 -MEX
RITRON	JMX Series, JMX-141D, JMX-144D, JMX-146D, JMX-441D, JMX-444D, JMX-446D, RTX, Series, RTX-050, RTX-150, RTX-450, SST D Series, SST-144D, SST-444D, SST-446D	2-PIN	 -ITC
RITRON	J Series, SLX Series, SLX-100, SLX-400	1-PIN	 -RIT
VERTEX	(requires Vertex CT-44 adapter) FT-10R, FT-40R, FT-50R, FT-60R, VX-1R, VX-2E, VX-2R, VX-5R (requires Vertex CT-91 adapter) FT-270, VX-120, VX-127, VX-170, VX-177, VX-6R, VX-7R	2-PIN	 -ITC
VERTEX	VX-310, VX-500, VX-510, VX-520, VX-520UD (Do not use with VX-537)	2-PIN	 -MDRC
VERTEX	FT-10R, FT-250, FT-40R, FT-50R, FT-60R, VX-10, VX-110, VX-150, VX-1R, VX-2E, VX-2R, VX-300, VX-400, VX-5R, VXF-1	1-PIN	 -VSC

Cobalt stocks a wide variety of connectors to fit many radio models.

MANUFACTURER	RADIO MODELS	STYLE	DESCRIPTION
VERTEX	VX-530, VX-600, VX-800, VX-900	MULTI-PIN	-VMC
VERTEX	VX-130, VX-131, VX-132, VX-160, VX-180, VX-210, VX-210A, VX-230, VX-231, VX-350, VX-351, VX-354, VX-400, VX-410, VX-420, VX-427, VX-450, VX-454, VX-459	1-PIN	-VSS2S
VERTEX	VX-820, VX-821, VX-824, VX-829, VX-871, VX-874, VX-879, VX-920, VX-921, VX-924, VX-929, VX-971, VX-974, VX-979, VX-P820, VX-P920	MULTI-PIN	-VNM
VERTEX	VX-120, VX-127, VX-170, VX-177, VX-6R, VX-7R	1-PIN	-VTC
VERTEX	This connector is available only on selected products. VX-VX-2100, VX-2200, VX-4100, VX-4200	MOBILE RADIO REAR AUX JACK DB-15	-MOB-V1
VERTEX	This connector is available only on selected products. VX-VX-2100, VX-2200, VX-4100, VX-4200	MOBILE RADIO FRONT MIC JACK RJ-45	-MOB-V2
COBALT	Cobalt AMPS speaker microphones including GPS	STRAIGHT 3.5 MM 4-PIN THREADED PLUG	-AMPS
COBALT	Any listen only audio accessory with 2.5 mm phone plug. S indicates 15 inch short cord. L indicates 30 inch long cord.	RIGHT ANGLE 2.5 MM 2-PIN PLUG	-S2.5 or -L2.5*
COBALT	Any listen only audio accessory with 3.5 mm phone plug. Cobalt audio accessories use 3.5 mm jacks. S indicates 15 inch short cord. L indicates 30 inch long cord.	RIGHT ANGLE 3.5 MM 2-PIN PLUG	-S3.5 or -L3.5*
COBALT		STRAIGHT 3.5 MM 2-PIN THREADED PLUG	-T3.5
COBALT	Any listen only audio accessory with 2.5 mm phone plug.	STRAIGHT 2.5 MM 2-PIN PLUG	-ST2.5
COBALT	Any listen only audio accessory with 3.5 mm phone plug.	STRAIGHT 3.5 MM 2-PIN PLUG	-ST3.5
COBALT	Polycom Spectralink 6000- and 8000-series wireless phones. Most cordless phones. Specify end device when ordering.	RIGHT ANGLE 2.5 MM 3-PIN PLUG	-2.5
COBALT	Old series Spectralink PTB-400-series wireless phones	RIGHT ANGLE 3.5 MM 3-PIN PLUG	-3.5
COBALT	HME DX-series wireless intercom stations and belt packs	RIGHT ANGLE MINI-DIN PLUG	-DX
COBALT	Clear-Com, Telex, Production Intercom wired and wireless intercom stations and belt packs	STRAIGHT XLR 4-PIN FEMALE PLUG	-X4
COBALT	Telex RTS wired and wireless intercom stations and belt packs	STRAIGHT XLR 4-PIN MALE PLUG	-X4M

ComtronICS Inc.
2456 Fortune Drive
Lexington KY 40509

cobaltav.com | 1.800.264.6021 | Fax: 859.299.9334

HIGH NOISE HEADSETS • INTERCOMS • THROAT MICROPHONE
LISTEN ONLY EARPIECES • BOSTON AMPLIFIER BDA • SPEA
FIRE TRUCK HEADSET SYSTEMS • BLUE TOOTH WIRELESS H
BLUETOOTH RADIO ADAPTERS • GPS SPEAKER MICROPHONE
HELMET HEADSET • WIRELESS PTT SWITCHES • MOBILE R
AMPS ADVANCED MICS FOR PUBLIC SAFETY • COBRA NOISE C
TOOTH 2-WAY RADIO ADAPTERS • PUMP PANEL HEADSETS • BC
PTT RADIO ADAPTERS • GPS GOOGLE MAPPING • HARD HAT SLOT